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TITLE

EMERGENCY AUTOMATIC BRAKING

DEVICE

緊急自動 報知/作動 经自急积 車両状態 ブレーキ タイミング 検出手段 制御手段 制御手段 作動手段 走行環境 祖知手段 検出手段

ABSTRACT :

PROBLEM TO BE SOLVED: To sufficiently maintain safety at the time of an emergency automatic brake operation.

SOLUTION: An emergency automatic brake control means 3 judges whether to operate an emergency automatic brake on the basis of vehicle state data detected by a vehicle state detecting means 1 and travel environment data detected by a travel environment detecting means 2. In case of judging to operate the emergency automatic brake, an informing/operating timing control means 4 outputs a command to inform to that effect and then outputs a command to operate the emergency automatic brake at timing after the lapse of predetermined specified time. Upon such an occasion that the emergency automatic brake is to be operated, since the brake of a vehicle is applied after the effect is informed by an informing means 6, occupants including a driver can know in advance that the emergency automatic brake will be applied. As a result, the occupants can calmly cope with strong inertia caused by the emergency automatic brake and stand on guard even in case of a collision. Damage can therefore be suppressed to a minimum.

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